DECT VoIP phone VP600



Network Protocol

- MAC Address (IEEE 802.3)
- IPv4 Internet Protocol Version 4 (RFC 791)
- ARP Address Resolution Protocol
- DNS Client A Record (RFC 1706), SRV Record (2782)
- DHCP Client Dynamic Host Configuration Protocol (RFC 2131)
- DHCP Server DHCP Option and BOOTP Vendor Extensions (RFC 2132)
- ICMP Internet Control Message Protocol (RFC 792)
- TCP Transmission Control Protocol (RFC 793)
- UDP User Datagram Protocol (RFC 768)
- RTP Real Time Protocol (RFC 1889) (RFC 1890)
- RTCP Real Time Control Protocol (RFC 1889)

- TOS Type of Service (RFC 791/1394)
- SNTP Simple Network Time Protocol (RFC 2030)
- RARP Reverse Address Resolution Protocol
- TFTP Client
- PPPoE Client
- Telnet
- HTTP Server

DECT Feature

- FSK and DTMF dual mode CLIP (Calling Line Identification Presentation)
- Stores up to 50 calling numbers, up to 16 digits for each number
- Stores up to 10 last dialed numbers, up to 24 digits for each number
- Stores up to 50 phonebook numbers, up to 12 characters for each name and 16 digits for each number
- LCD displays calling and dialing number
- Key lock setting
- Direct call setting
- Call transfer of external calls (when using two or more handsets)
- Internal calls
- Three-way conference call
- Ringer melody adjusting (up to 9 kinds)
- Ringer volume adjusting (up to 9 levels)
- Handset receiving volume setting (up to 9 levels)
- Silence and microphone mute functions
- Talk time display
- Deleting single or all records in phonebook
- Redialing and preparation dialing functions
- Page on base unit to look for the handset easily
- Clicking Key tone on or off
- Languages selection (up to 11 different languages)
- LCD displays date and time
- Storing Caller ID number to phone book
- Setting VIP numbers
- Supports GAP function
- LCD back light
- Caller ID on call waiting

Voice over IP Gateway

- SIP v1 (RFC2543)
- SIP v2 (RFC3261)
- Voice codec Algorithms:
 - G.711 :64k bit/s (A-law and μ -law PCM)
 - G.723.1 :6.3k / 5.3k bit/s
 - \blacksquare G.726 :16k / 24k / 32k / 40k bit/s (ADPCM)
 - G.729 :8k bit/s
 - G.729A :8k bit/s (CS-ACELP)
 - G.729B :adds VAD
 - Dynamic Payload
- Adjustable Audio Frames Per Packet
- Speed Dial Phone
- Block Setting
- Adjustable Call ID
- SLIC PTT Setting
- Voice Quality
 - VAD : Voice activity detection
 - CNG : Comfortable noise generator
 - LEC : Line echo canceller
 - Packet Loss Compensation
 - Adaptive Jitter Buffer
- Call Function
 - Call Hold
 - Call Waiting
 - Call Transfer
 - Call Forward
 - Caller ID
 - 3-way conference
- DTMF Function
 - In-Band DTMF
 - Out-of Band DTMF
 - SIP Info
- Dial Method
 - Direct IP call without SIP proxy
 - Dial number via SIP server

- Dial URL via SIP Server
- SIP Server
 - Registrar Server (Three SIP account)
 - OutBound Proxy
- Tone
 - Ring Tone
 - Ring Back Tone
 - Dial Tone
 - Busy Tone
 - Programming Tone
- FAX
 - T.38
 - FAX Tone Detection Pass Through
- Phone Function
 - Volume Adjustment
 - Speed dial key
 - Phone Book
 - Redial
 - Flash
- IP Assignment
 - Static IP
 - DHCP
 - PPPoE
- Security
 - HTTP 1.1 basic/digest authentication for Web setup
 - MD5 for SIP authentication (RFC 2069 / RFC 2617)
- QoS
 - ToS field
- NAT Traversal
 - STUN
 - uPnP
- Configuration
 - Web Browser
 - Console/Telnet
 - IVR/Keypad
 - Auto-Provision
- Firmware Update
 - TFTP

- Console
- HTTP
- Auto-Provision

Physical Interfaces

• Two RJ-45 Port – Ethernet 10-100baseT interface (IEEE 802.3)

• One RJ-11 FXS Port – For Analog Circuit Telephone Device (Tip/Ring) or FAX Machine.

• Handset Ni-MH Rechargeable Battery

• Operating time Standby :200hours

Talk :10 hours

• Standard DECT = Digital Enhanced Cordless Telecommunication

GAP = Generic Access Profile

• Frequency Range 1923 ~ 1928MHz (BW = 20MHz)

RF Channels 4Channel
Channel Bandwidth 1.728MHz
Modulation GFSK

Peak Transmit Power 200 mW; average output per channel
Carrier Multiplex TDMA; 24 slots on same RF carrier

Antenna Diversity
Supported at Base station

Data Transmission Rate 1.152 Mbps

Speech Encoding ADPCM (32 Kops)
Communication Range Outdoor 300 meters
Indoor 50 meters

Subscriber Line Interface Circuit (SLIC)

• Ring Voltage: 40 - 55 V_{RMS} Configurable

■ Ring Waveform: 10 Hz – 40 HZ

Maximum Ringer Load: 3 REN

• On-hook voltage (Tip/Ring): -50V NOMINAL

• Off-hook current: 25mA min

Terminating Impedance: Eight Configurable Setting Including

■ North America 600 ohms, European CTR21

Regulatory Compliance:

• FCC CFR Part 15 subpart B: 2005 Class B

Power Supply

Switching Type with Modular Wall Plug Clip – Country Specific

- DC Input Voltage: +12 VDC at 1 A Max
- Power Consumption: 5 WATTs
- Power Adapter: 100 240V 50-60Hz(26~34VA) AC Input, 1.8m cord

Indicator Lights

- LAN Activity/Link LED (WAN, PC)
- Status LED In Front Panel have REG, In-Use, Power, Charge/Page

Operating Temperature

• 41 to 113° F (5 to 45° C)

Storage Temperature:

• -13 to 185° F (-25 to 85° C)

Relative Humidity

• 10 to 90% non-condensing, operating and non-operating

Box Contents

- 1 Astarte Phone Adapter Unit Color Black
- 1 12V Power Adapter 1.8m (3 ft) Cord Color Black
- 1 − RJ-45 Ethernet Cable − 1.8m (3 ft) Cord − Color Black

Physical Customization:

- Customer Logo / Branding Available
- Case Color Matching Available

Documentation:

User Guide

Warranty

• One Year Hardware